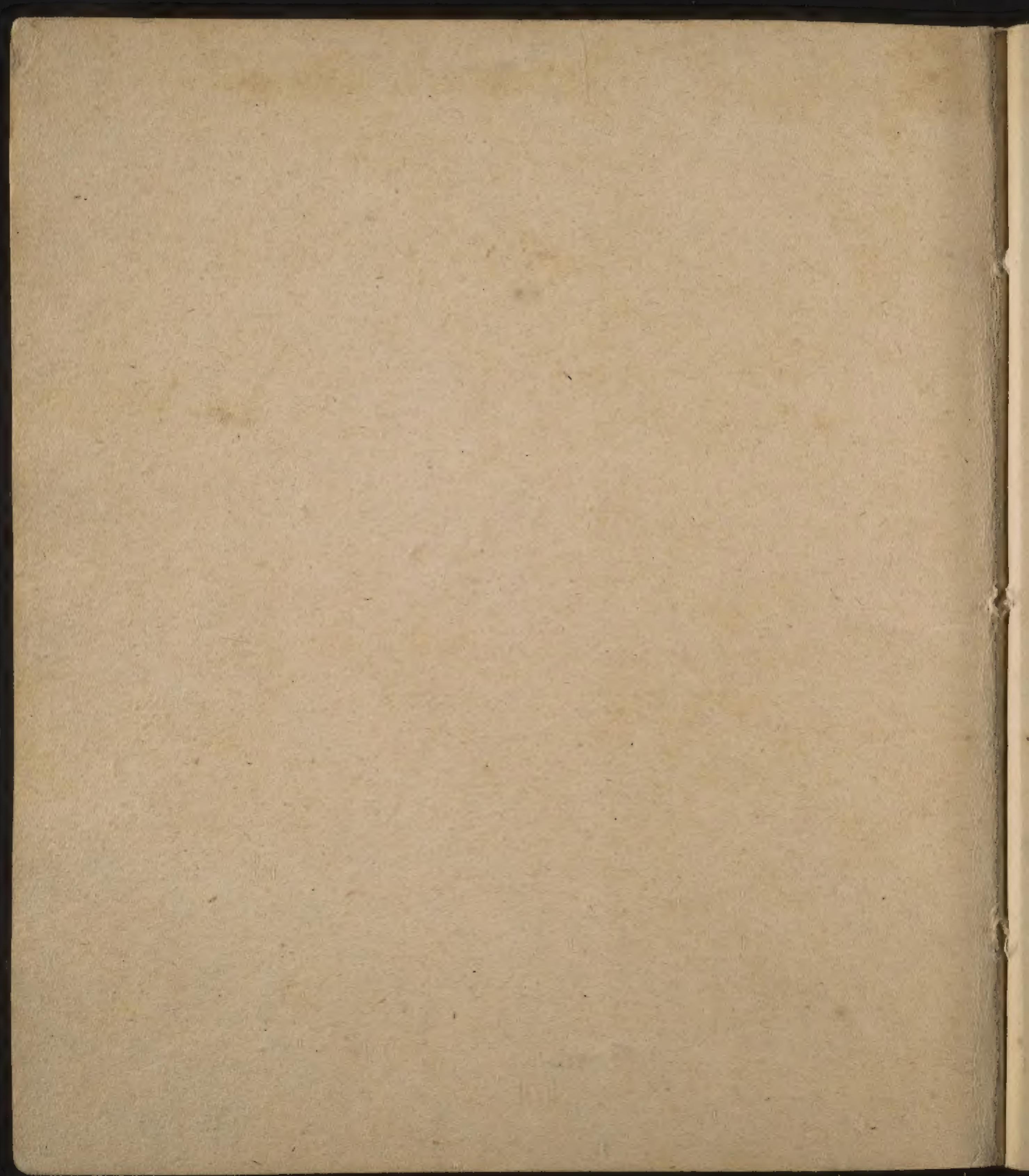


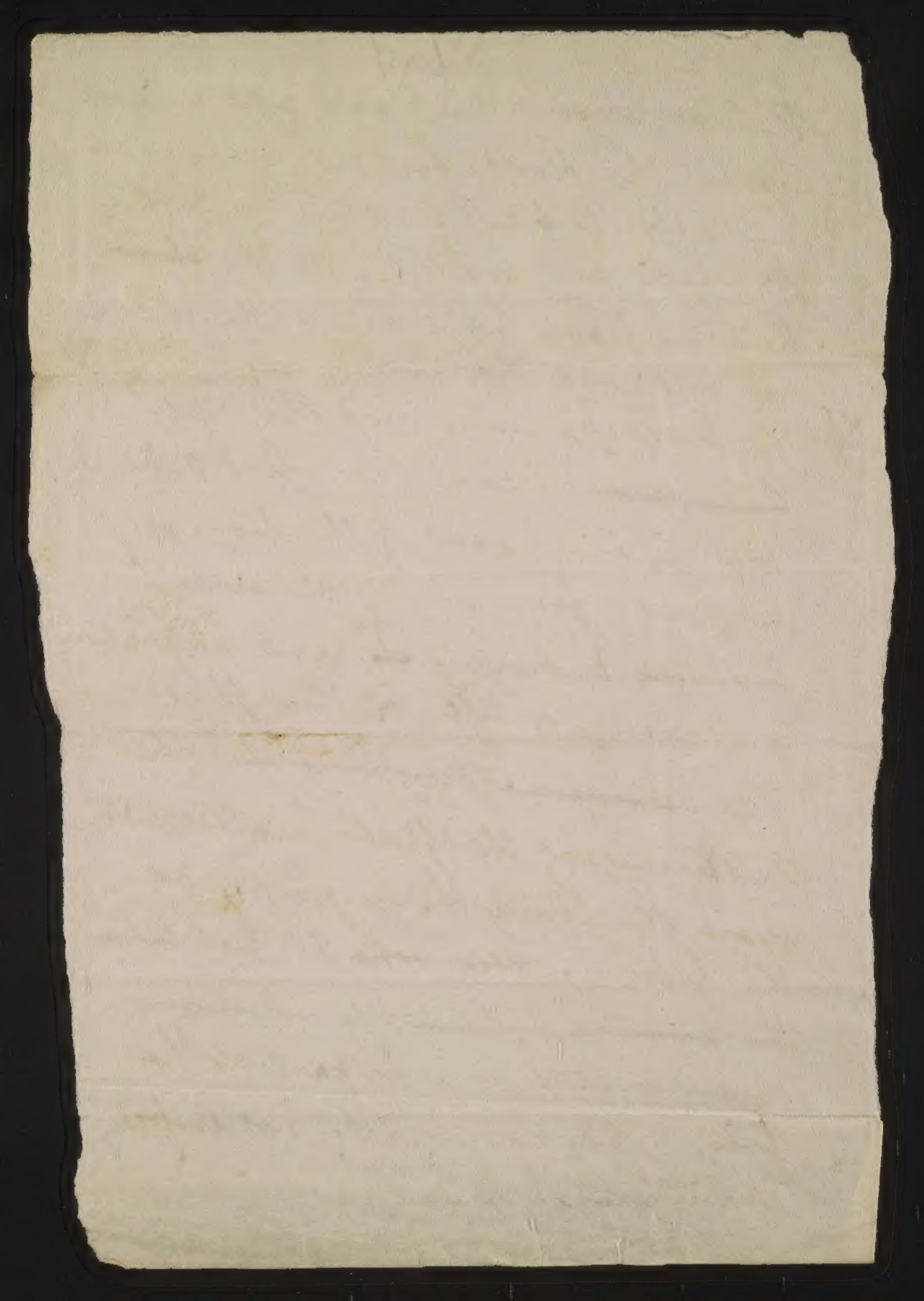
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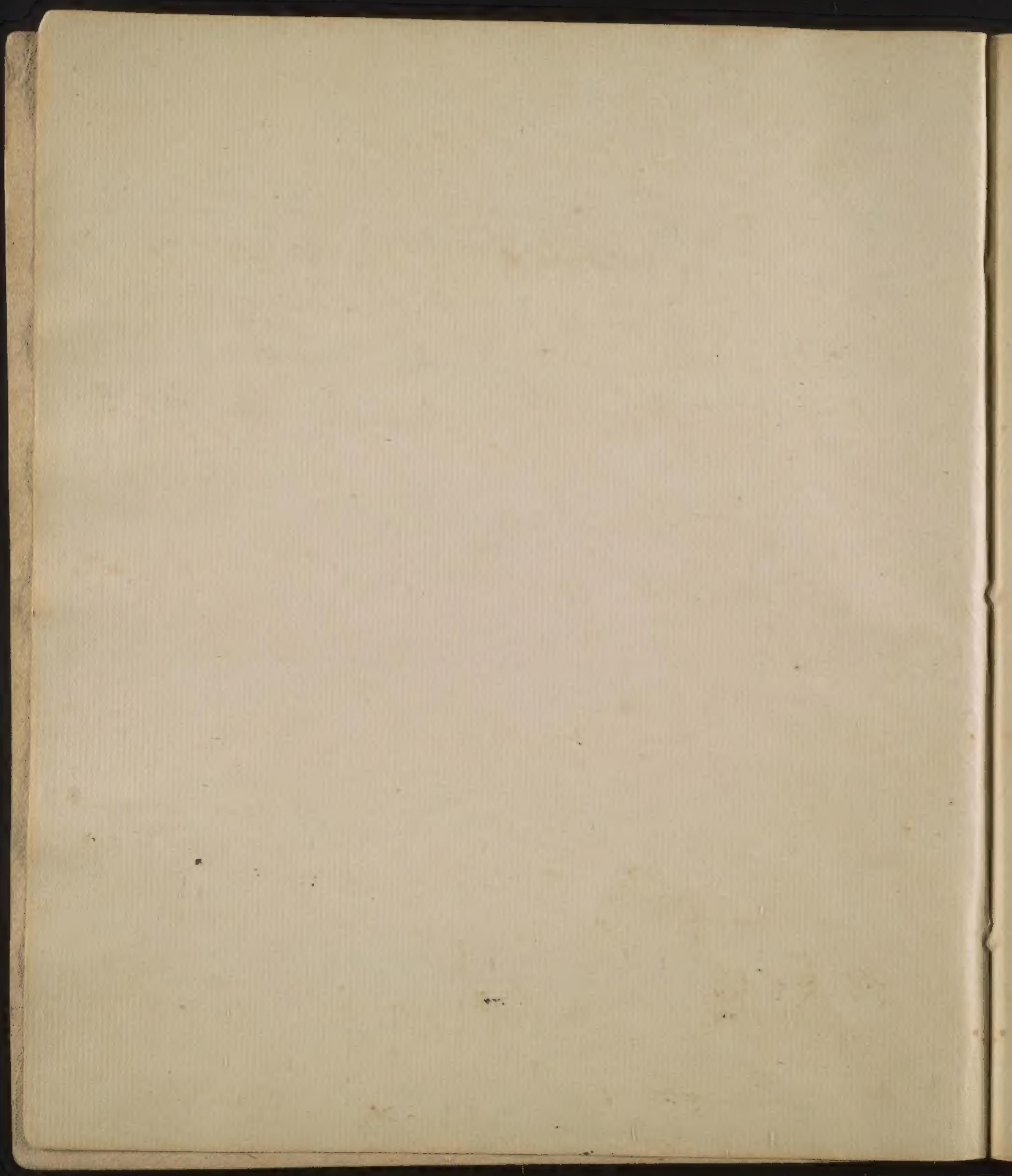
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Diseases from Employments 319
— Amusements 328
— Public Customs 338
— Unhealthy Practices 354

To the blood the Upas acts in prot
 upon the blood, but it produces its
 deadly effects & when run into the
 stomach and injected into the blood
 Return from which we see it can
 act without the instrumentality of
 the blood. I have said the ^{poison of the} viper of
Lancet disperses the blood sudden
and in every part of the body. It
 supposed formerly if did so by
 destroying ^{the} animation
 or capacity of life, of the fibres.
 Its destroying ~~dispersing~~ the
Indifferent of its effects & said depended
 upon the liberty & sympathy of
 the fibres. ~~The~~ It subsides
~~the nervous system~~ ~~of the~~ systems
in association in every part of the
 body. This sympathy not uniform
 as in gross.

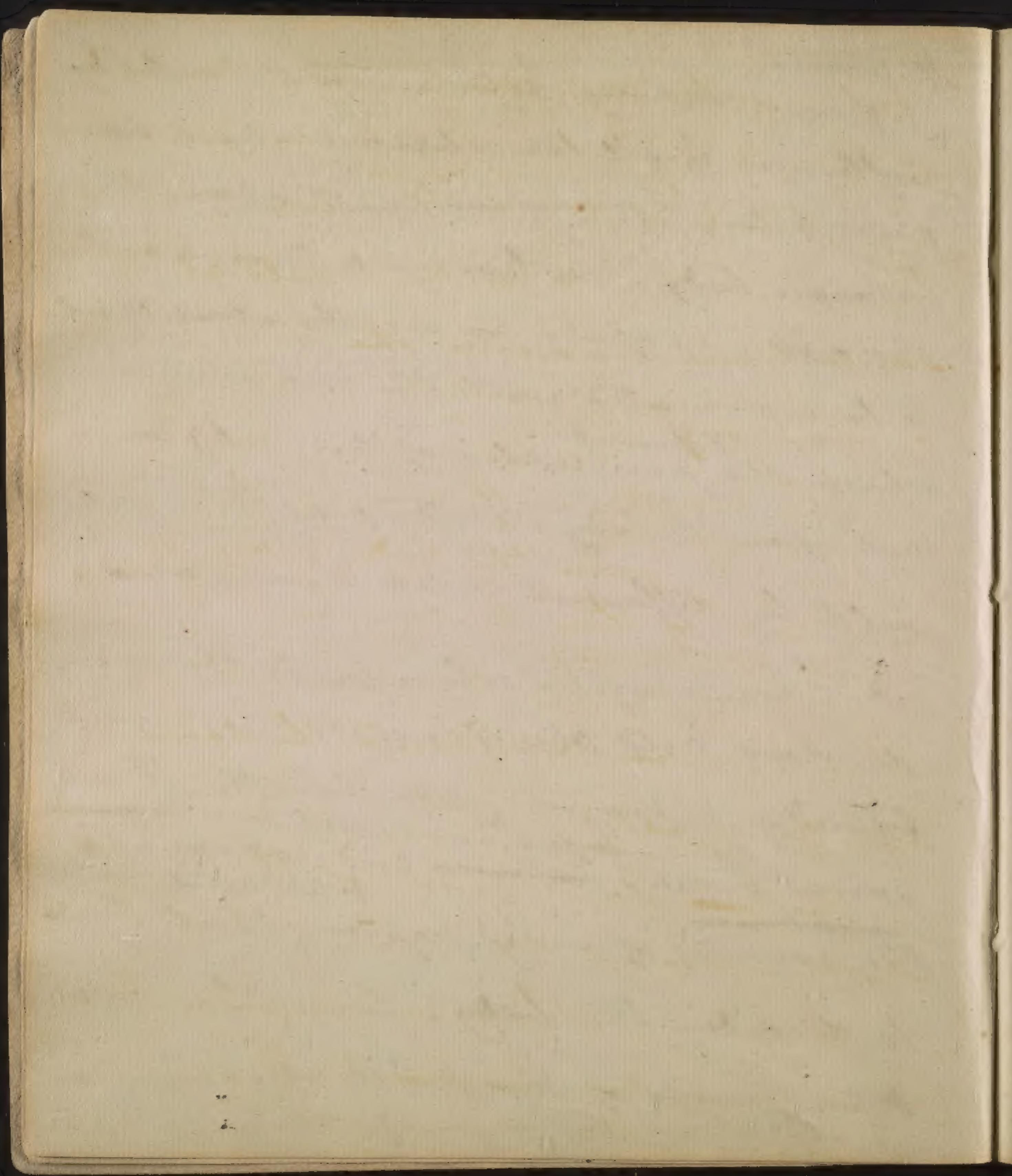




316

It would require many lectures to detail the influence of all the religions which have existed, & which now exist, upon the human body. We live in a Christian country - it is necessary for us therefore chiefly to be acquainted with the manners in which the ^{different} principles of this religion act upon the body, according as they are held by different sets of Christians.

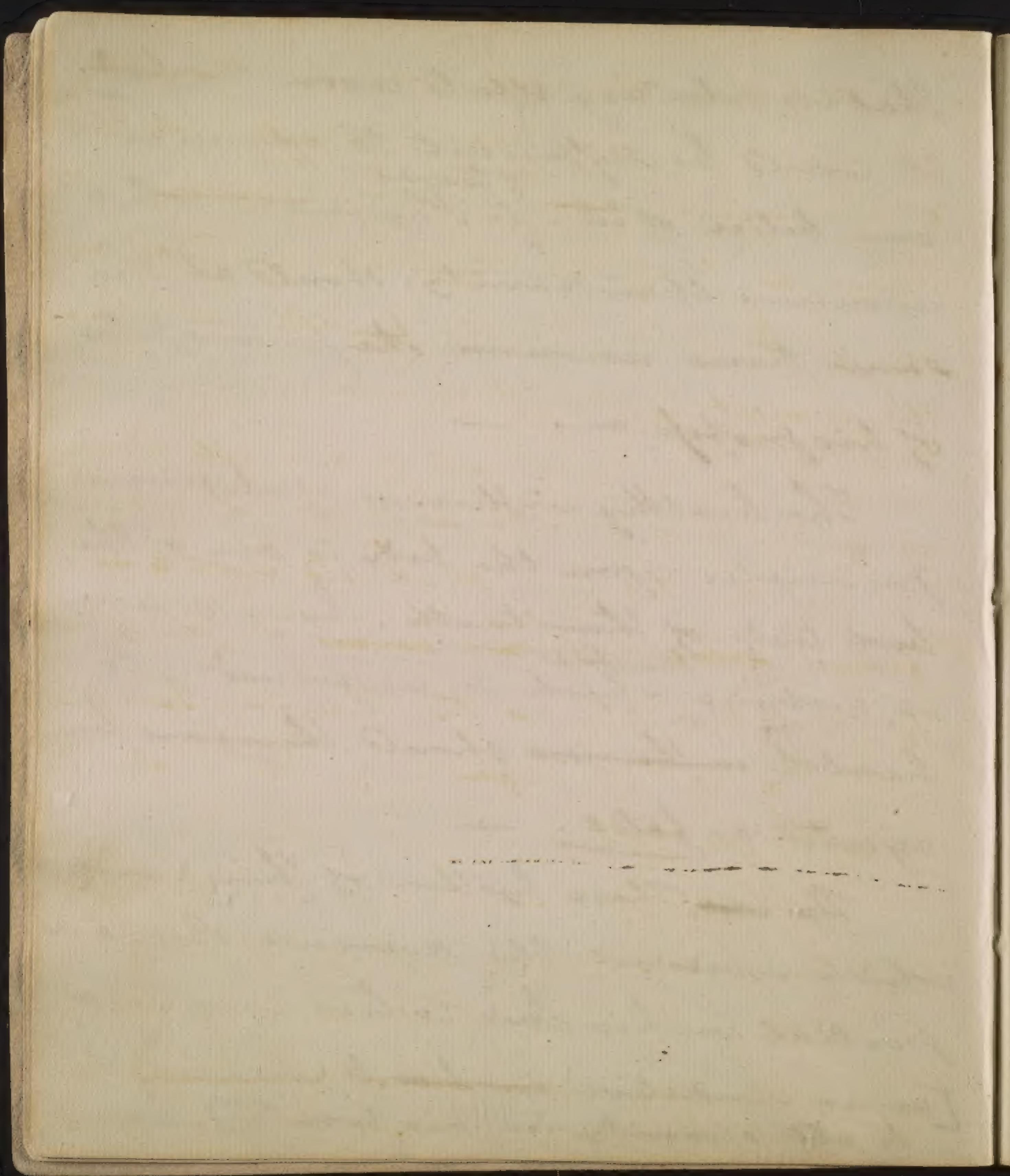
Christianity when perfectly understood, and obeyed, exerts the most friendly influence upon health. It inspires hope - ^{& joy,} - universal love, to bind ~~injustice~~ ^{wisdom} and restrain ^{& appetite} the exercise of every passion that tends to disorder the body. Were there no other proofs of the truth of this Religion



that its voluntary efforts upon the body,
it would be sufficient to command
our belief of it. ^{of course} A Physician who
announces Christianity, should at the
same time announce the principles
of his profession. —

The healthy influence of religious
principles upon the body is one of the
best tests of their truth. Every opinion
or doctrine which is unfriendly to
^{therefore} health ~~is therefore~~ should therefore be
rejected as false. —

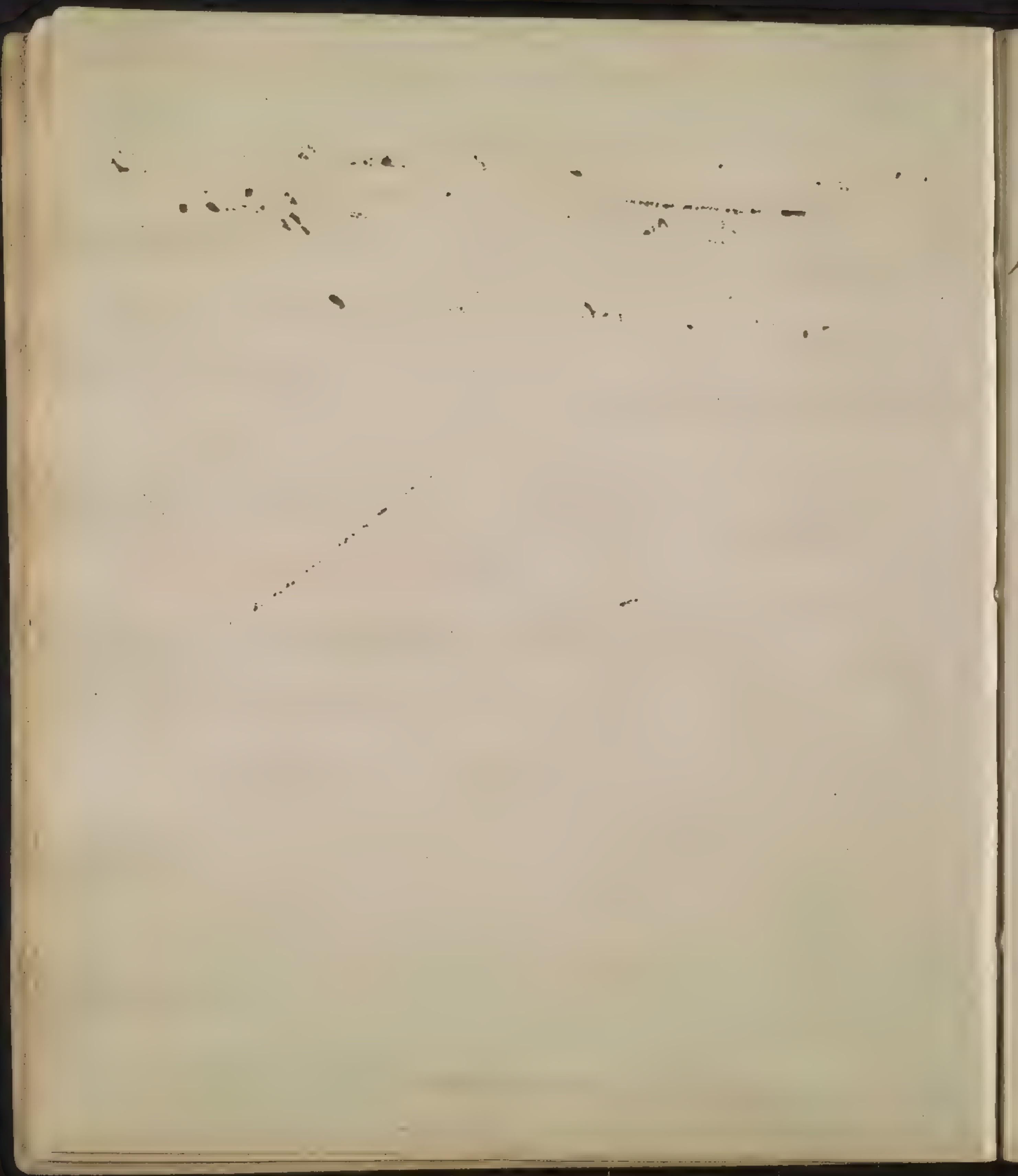
To ~~is~~ those systems of Christianity
which represent the supreme Being as
partial in his love to his creatures,
[or as vindictive ~~is~~ & inexorable
to all eternity in his wrath] have



produced in all ages & countries - ~~the~~
 diseases of Hypochondriasis - melancholy -
 & madness - ~~These~~ systems therefore
true - for Christianity was intended as
 much to promote the health, as it was
 the moral happiness of mankind.

I have never heard of a single instance
 of madness or suicide for that has been
 ascribed to religion, that did not arise
 from ~~false~~ ^{principles} ~~actions~~ as foreign
 to Christianity as the human sacrifice
 of the ancient pagans or the modern
 Indian nations. —

Human Reason has at last overthrown
 the errors and abuses of Government;
 — The time I hope is not very distant
 it will
 when ~~the~~ ^{the influence of} tyranny shall
 leave all the more pernicious errors



& abuses which have crept into religion
 - and when the power of ~~the~~^{and} priests over
 religious establishments shall cease to have any
~~the consciousness of man shall be as prostrate~~
 power over the consciences of mankind.
~~not the power of kings over their property &~~
~~lives of the people of Greece~~

Impairments.

These injure the body according to the
 violence they offer it with respect to rest
 or motion - ~~but according to~~ to the
 nature of the materials in which men
 labour.

These produce diseases according as they are
 more or less influenced by the following cir-
 umstances. -

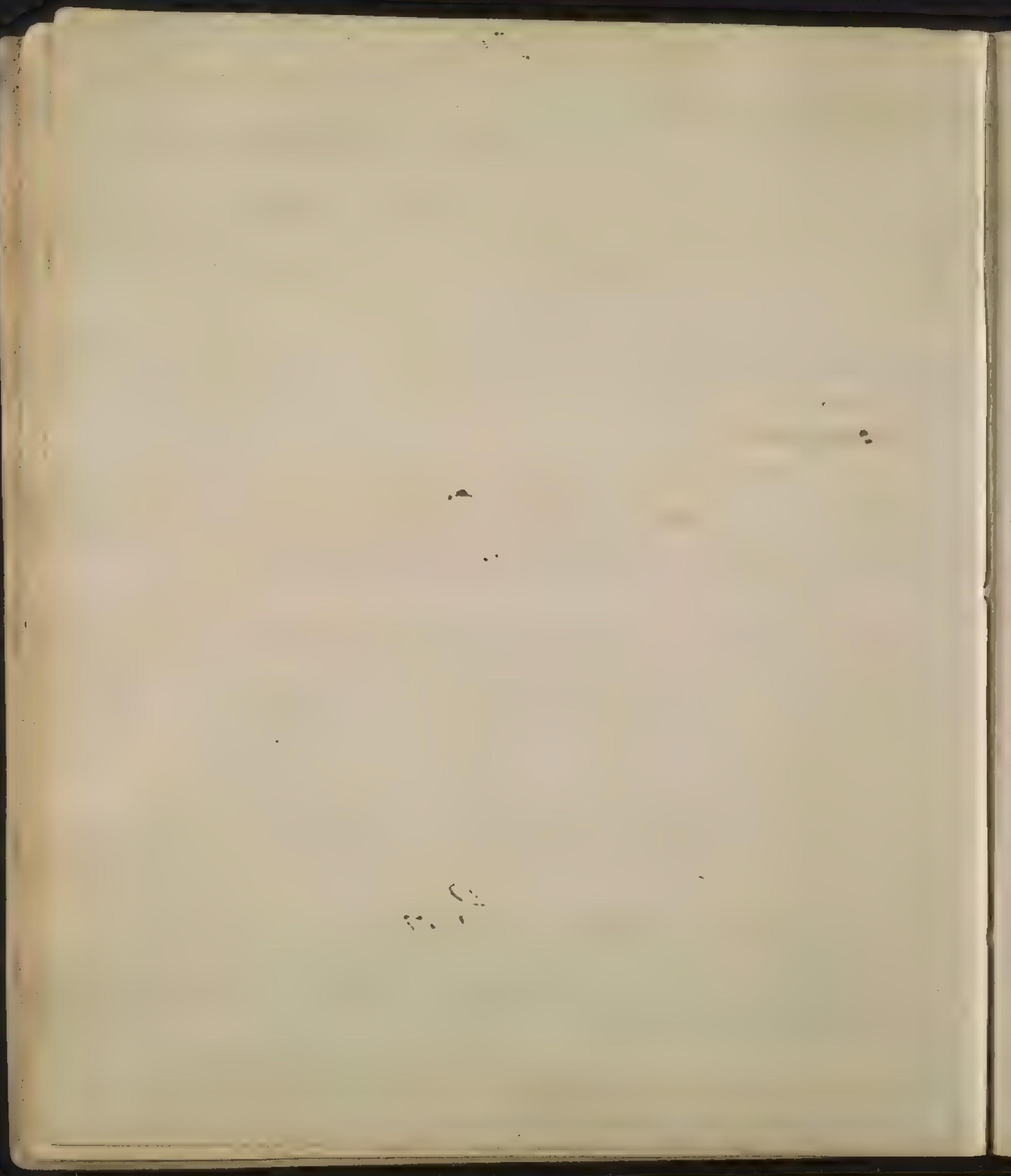
1 Recurring ~~repeated~~ labor. Farmers &
 day labourers often suffer from this cause.
 - Their diseases are stiff joints, & a prostration
 old age.

~~2 Dampive motion - as in running walking
or running. Soldiers generally have acquire
the Rheumatism sooner or later in life,
& running footmen are exposed to all
the disastes of the breast.~~

~~3 sedentary~~

Employments.

The first employment of man was Agriculture & the next, consisted in building him self a shelter from the weather. Both these employments give exercise to every part of the body, and that too in the open air. They are of course two of the most healthy occupations of man. for



321

proposition as he has receded from
them by the progress of the Arts of civilized
life, he has become subject to many
new &
artificial diseases. I shall briefly
mention them, as connected with all
the occupations of man.

1 I shall speak of the occupations which
are simply laborious.

2 I shall mention the diseases of manual
facturers -

3 I shall mention the diseases of the
studious & liberal professions.

1 The former of Carpenters who
labour in the open air, are subject
only to accidents & fevers. It has been

[This disorder is as much a modification
of the Jail or Hospital fever, as it is
of bilious fever, tried in upon
the bowels] -

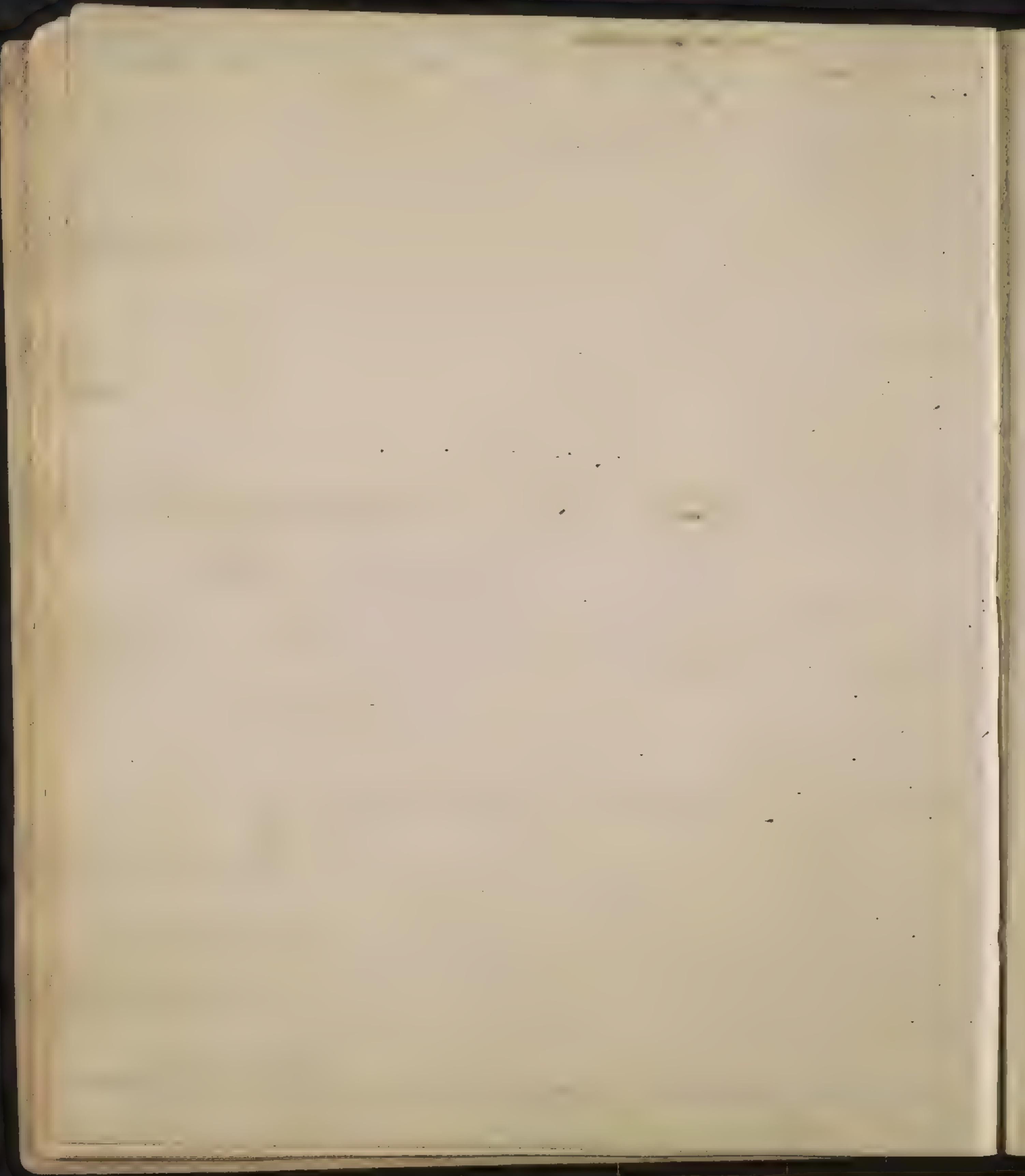
so people 322
remarked by, that the carpenters are
the longest lived people of any mechanics
in our city.

2 Day laborers are subject to accidents,
fevers - impetigo - sore legs - Obstructed
viscera - Diphosias. —

3 Soldiers are subject to fevers - Typhus
& above all ^{to} the Chronic Rheumatism.

4 Sailors are subject to the same dis-
- cases
- cases as soldiers, and in addition to them
Scorbutic eruptions on the skin.

5 Servants male & female, are subject
to Calashes & Puerperies. Cookmen
in particular are more exposed to
those diseases from being obliged so
often to wait for hours at the door



of their masters in cold & wet weather.
The servants of the Kings of Spain ~~were~~
much afflicted with nephritis com-
plaints, but on being obliged to
stand constantly in the presence of
their Royal masters.

Manufacturers, ^{mechanics}
2 manufacturers suffer not only from
leading a sedentary life, deprived frequently
of fresh air, but from the materials
in which they work. —

Weavers are subject to dyspepsia -
constipation - & Hypochondriasis. I once
(a great manufacturing town in
passed a day at Paisley which happens
Scotland) ["]
to be a holiday, and out of near 2000
weavers whom I saw in the streets,
or at play, I did not see one who

✓ of their eyes upon small objects.

324

not
had a pale face. Dr Githersell informed
me that most of the chronic patients
whom he saw in the London hospitals
while he was a Student of medicine, were
Spittlefield weavers.—

Watch & Cork Makers & Silver Smiths —
all suffer from the want of Air & exercise.
They likewise suffer from the constant use of
Taylors & Shoemakers suffer not only
from their sedentary lives, but the position
of their bodies. It is remarkable that those
parts of the body which are exposed to
exclusive exercise, become ~~enlarged~~ ^{disproportioned} in
point of size, to the rest of the body. Eg:
The Glutei muscles in a Shoemaker,
& the Gastrocnemii muscles in a
Taylor, are much larger than in
persons of the same size of other

V Sir John Pringle saw a stone cutter
afflicted with a palsy from only
handing the lead that is employed in
cementing the pieces of stone together.

Dr Franklin's fingers became numb,
from handling his types. After he
had warmed them by placing them
upon a stove. I have seen a printer
in our hospital whose fingers were
palsy paralytic from no other cause
than the action of the lead contained
in his types upon them. The greater
& boys who work at the type foundry in
this city are subject to colds & fevers, &
languor, & want of appetite. They eat and
only at their work, and are thus exposed to
the vapor of the metals of which the types are

Bakers who work frequently work during the whole night, & in cellars, are subject to pulmonary complaints. It has been computed that the average life in London is only three years. They are most subject to malignant & contag: diseases. Smiths of every description who work in metals alternately exposed to hot & cold air are subject to ^{malignant} inflammatory diseases.

The materials in which men work often produce disease. ² of lead. It is impossible to handle this metal in a manufacture of any kind without contracting a disease from it. ~~See Ingraham's story of the Stone cutter & Dr Grashier's~~ of the same types. - The painter in the hospital. 1800

Stadious people suffer not only from the inordinate exuberance of their understanding

Made, which are made of 1 part of lead &
from $\frac{3}{4}$ to $\frac{1}{6}$ of Ringers of antimony.

✓ perhaps from ^{retaining} deep sojourning a desire to
~~this~~ " after the bladder becomes full
~~make~~ water, are often troubled with
the gravel & stone. Printers who work
in the upper stories of houses and at
differ from the same cause. Dr. Brant-
lin ascribed the foundation of the stone
which afflicted himself in the evening
of his life, to a neglect ^{to} of discharging
his water when engaged at a distance
from a suitable place to evacuate it.

this may be ~~than~~ ^{than} of some of them. It
+ Perhaps, owing to ^{is} indolent lives & more
common among Catholics than protest-
ant Clergyman. ~~only~~ ^{But} 5 popes out
of 300 have lived to beyond 80. That
the sedentary & solitary lives of the Catholic
no longer

326

also
but from their sedentary lives. — the
Dyspepsia - has long been called the morbus
studiorum. Judges from setting long, and
Clergymen are likewise
~~Poets~~ ~~Playwrights~~ ~~Novelists~~ ~~Divines etc.~~
exposed to this disease, more than any
any other class of literary men. Did they
like the divine Author of their religion
spend more of their time "in going about
doing good" instead of spending whole
days in their closets in composing
rules to be good, they would escape all
the maladies to which have been conne-
cted with their profession]

Lawyers & Physicians, by blending
exercise with study have in all ages
& countries, escaped many of the diseases
to which other literary people are

Clergy contributes to these Diseases, I infer from
the protestant Clergy being more healthy who
many live in families and lead more
active lives being more healthy & long lived.

of 1000 Clergymen who subscribe to the
widow fund in Scotland but ^{one in} 29 dies
yearly, that is but 2 1/2% in an 100.

[E J had caught two colds from lie-
-having in the chemical room
exposed to the heat of a furnace & a
current of cold air]

v Skinners are subject to a paralysis
of their right hands. I have seen one
case of this kind. For further informⁿ
on this subject see Ramaarani on the
Diseases of tradesmen. I shall only

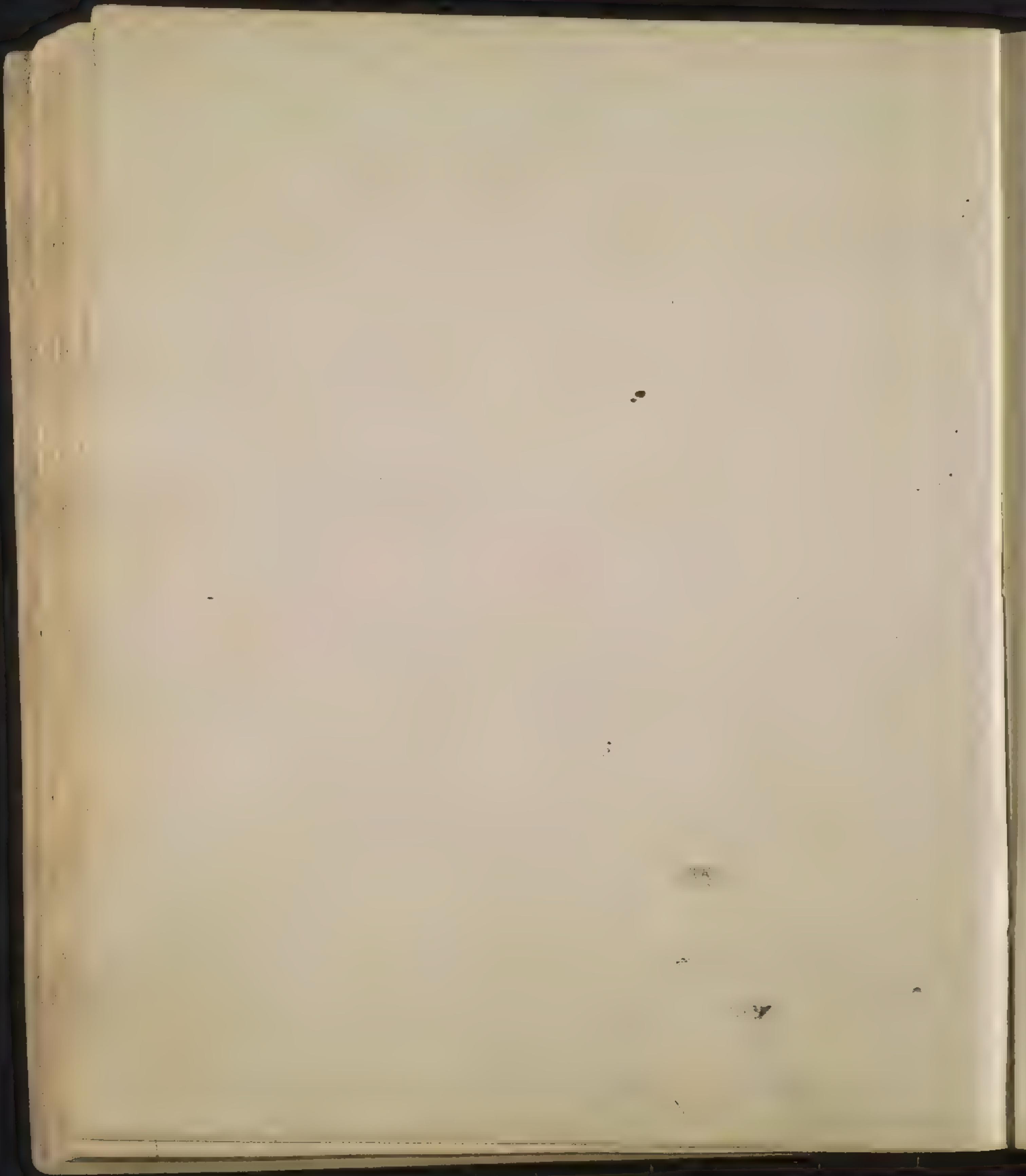
327

subject. Bishop Burnet remarked y:
the lawyers were the longest lived people
of any class of men in England. He
ascribes their longevity to their regular
vigilant exercise in attending the Assemblies.
Ramonarina says this connects longevity
likewise with the profession of Physic. To
their constant exercise, he might have
added that they know better how to
take care of their health than other
people. -
The proof in favor of this remark
yesterday is our change this day of the place
of our meeting together. Physicians who
ride much on horseback are subject to
costiveness - the piles & fistula in ano. The
late Dr Jones informed me that he had
among Country Physicians for y^t disorder
in the course of his life. —

add to this reflect - that the minds of
men are much influenced by professions
& occupations - thus we see dangers made
Sailors & soldiers bold - authority - despotic
& killing animals - cruel. —

Diseases from Amusements.

a predisposition to disease is often induced by
~~The first that I shall mention is indist~~
 debility finds fatigue. This I have uniform-
 ly observed to be ^{much} greater from the pursuit
 of pleasure than from labor of any
 kind. I have heard many people com-
 plain, of being unable to sleep after
 spending an evening at a dance, but
 owing to fatigue reducing the system below
 the sleeping point, but I never met w.
 an instance of an inability to sleep
 even the ^{4th} field
 after the labor of harvest, itself. Even
 this fact, it would seem, that heaven
 was less unkind to us in the cause
 of labor, than we are unkind to



ourselves in our attempts to extract
a blessing from our pleasures. —

2 Amusements are hurtful from the
violence that is done to the system by
standing an hour or two before a looking
glass, and sitting the three hours un-
der the hands of a hairdresser & frequent-
ly in a cold room. — also from the
change of dress - often most commonly
from a ~~woman~~^{thick} to a ~~man~~^{thin} one, in order
to favour ~~an~~ elegance & neatness in
the shape of the body. —

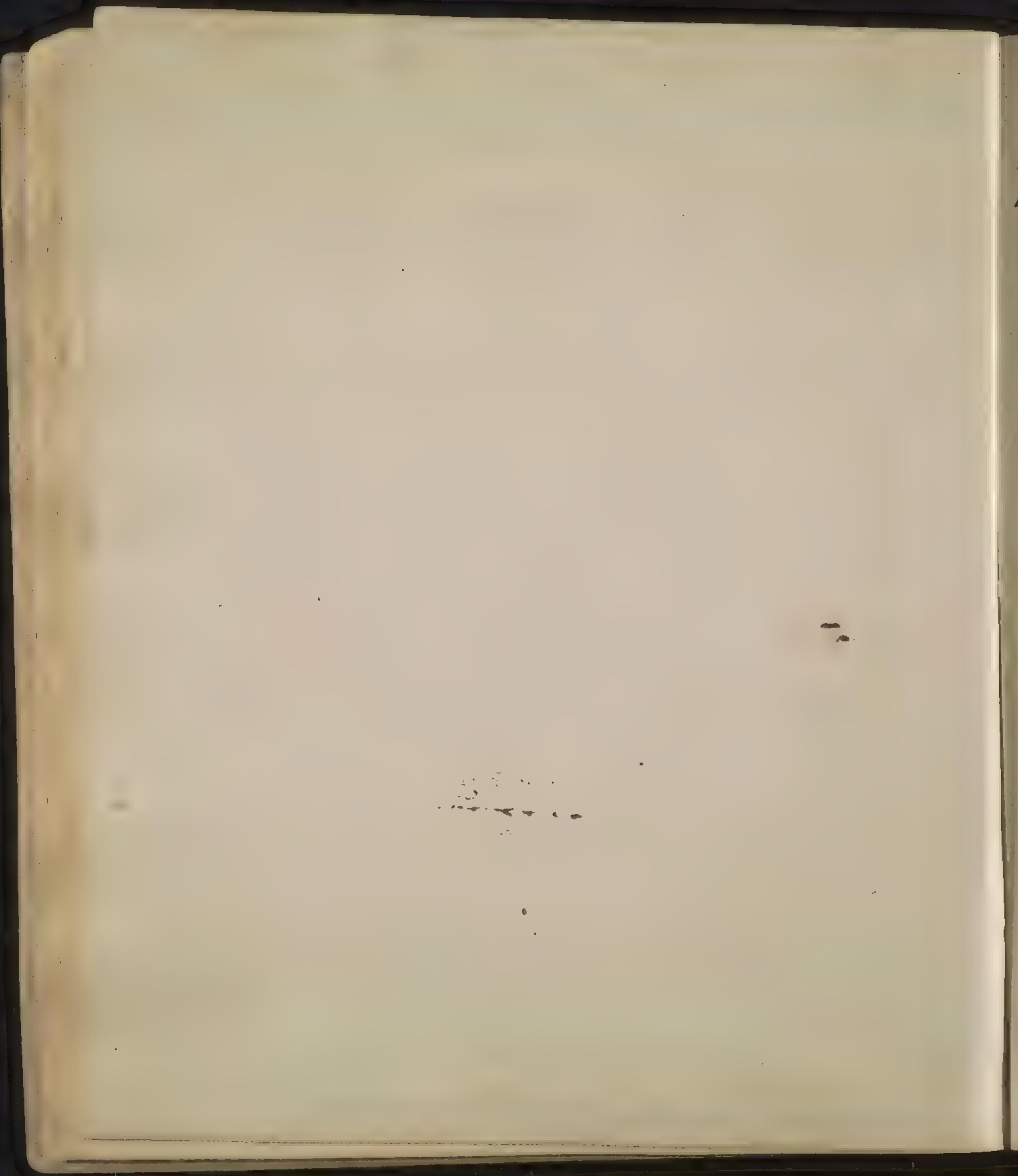
3 They are hurtful from the crowds
which are often herded together in
one room, where the air is soon
polluted by breath & candles. From

Let not this fact be urged as an argument in favor of the Inflammation spreading by Contagion: "To suppose a Catarrh can be produced by but one remote cause, is as erroneous as to suppose that a pleurisy can arise only from cold. we see it from Gout - from the measles - the smallpox & even from Wounds & contusions of the breast. -

330

This circumstance, ^{suspect} ~~which~~ ^{is} a ~~coastal~~ ^{metropolis} ~~geog~~ I believe
and often engendered ~~which~~ ^{which} crept
~~and~~ ~~but~~ ~~but~~ ~~of~~ ~~of~~ ~~a~~ mild species
of catarrh or influenza. I was
first led to make this remark by ob-
serving that these local ~~as~~ ^{city} catarrhs
 seldom appear till near Christmas ^{when}
 is the signal for the commencement
 of singing - and dancing parties in
 all cities, and that the more frequent
 these parties are in a winter, the more
 certain, and the more universal are
 these catarrhs. But further - public
 amusements produce disease according
 to the nature of the ~~explosions~~ ^{various} which
 are blended with them. — ~~the~~

4 Dancing by moonlight often produces



diseases from fatigue or ~~indistinct~~ debility.
I have known one instance of a man
~~who~~ drops down dead in an assembly in leav-
ing down a country dance, & another
of a young lady of 14, ^{years of age}, who felt the first
symptom of an anæstom which finally
killed her ~~but~~ from the same cause.

But the most frequent disease produced
by Dancing is a catarrh from exposing
the ~~body~~ ^{body} immediately after being fatigued
& heated to the action of cold air. —

5 Cards are stimulat^{ing}, or sedative to
the mind & body ^{according} as people play
for ~~less~~ money, or to get rid of that
worse of all plagues to idle men - called time.

6 The Theatre acts upon the body in all
the ways that public parties act, with
but

...
...
...
...
...

with the following additional circumstance.

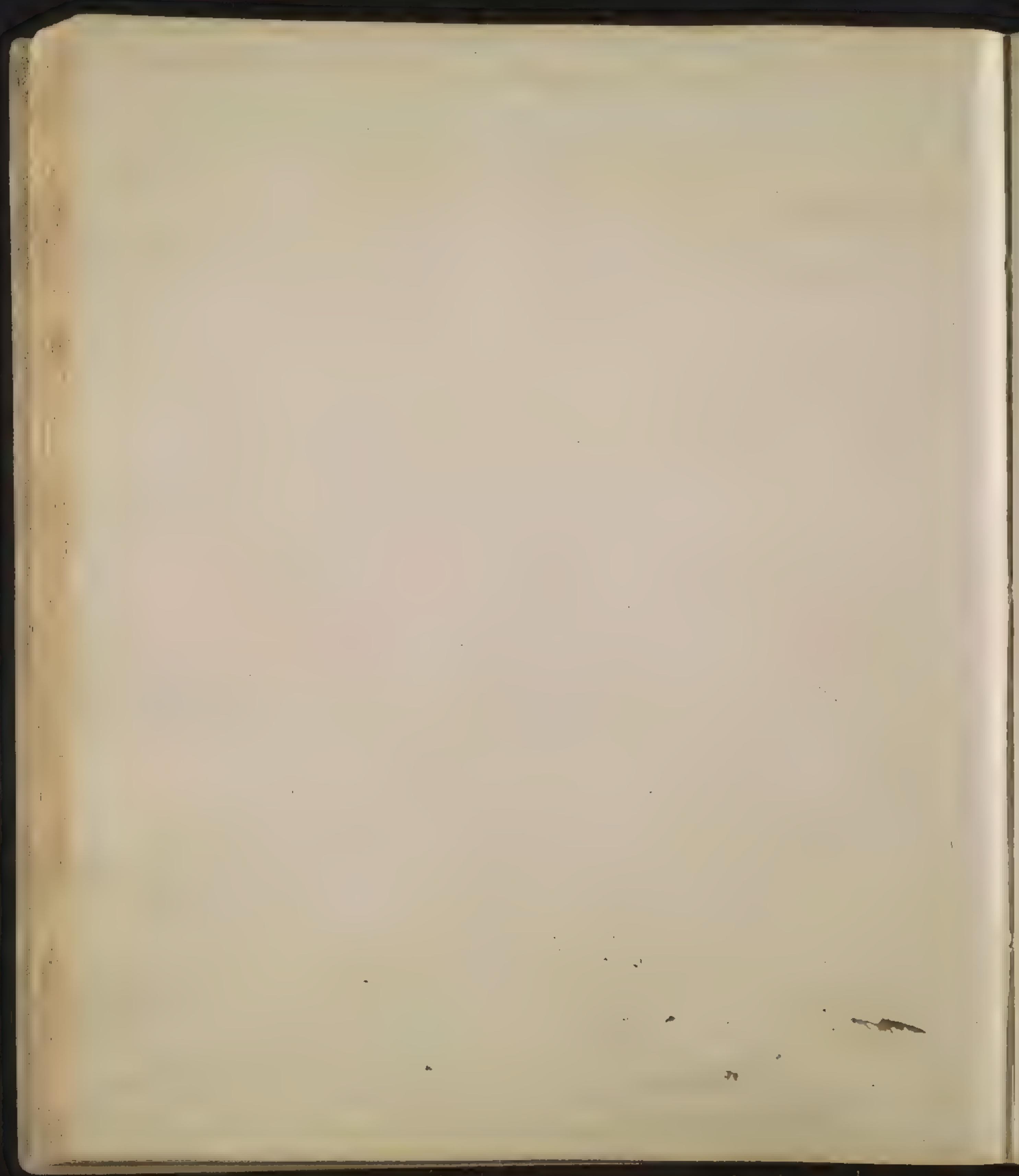
It disappears to nervous diseases. This
appears from some facts lately published by a
~~recently~~
German Author

who proves that nervous diseases have
now kept pace in all large cities with
theatrical entertainments. I believe

it, because I think the fact may be
easily accounted for. Tragedies with
virtuous

Sympathies - but they never to prompt
virtuous
to actions. we admire - we lament

& even weep over suffering Virtue, but
we sit still in our ~~seats~~^{seats} & never
lift a hand or foot to relieve that
Virtue. The passions after being thus
swelled, without an external vent,
- revile upon themselves & pour all
their force with in an
their ~~foots~~^{foots} inverted & irregular direction



333

upon the mind & body. ~~The people~~
~~medicines come unimpaired out of the~~
~~body~~ ~~of the mind~~ From this
retrograde action of the passions men &
women have often fainted at the ex-
hibition of a tragedy. I well recollect
that I was so agitated after seeing the ~~bad~~
character
of King Lear, performed by a masterly
Player, that it threw me into a fever
for several hours during
which I kept me awake the whole night
afterwards] It is remarkable that the
distress which we receive, never produces
very much commotions in the body or
mind. On the contrary, the mind feels
like the body ~~after the~~ ~~more~~
~~admission of aught than~~ - ~~after the~~
~~more~~ ~~Illustration of the stimula-~~
~~ting degree of heat by a northly bree~~

v The violence which is done by the System
by engrossing the emotions of sympathy
excited by tragedies, may be easily be conceived
by their effects upon vulgar & ignorant
persons who are strangers to the habits of
restraining their feelings. Stories of Highland
Braeburn & Fairford Lord & See.

The frequency of suicide in Eng^r
has been ascribed to the ^{probability} ~~possibility~~ of
Englishmen for tragical representa-
tions upon the Theatre.

on a summer evening. In the State
of the system which has been described in
holding a Tragedy, we feel the mind and
body suffers as much by the ^{excitation} ~~desiring~~
~~and want of the passions, as the body~~
suffers by the sudden retention of ^{the}
~~actions of urine or faeces~~
~~actions violent after the exhibition~~
of烟蒂 & purges. — V

It is alike foreign to my professional
disposition to say any thing of the morality
of the Stage in this place - But one
thought obtruded itself upon me, w:
is ^{ch} ~~so~~ vicinity related to a principle ~~which~~
often ~~unconsciously~~ in medicine that I
hope shall be expressed in consider-
ing it.

Tragedies it is said promote sym-
pathy - Charity & benevolence - & deny

Dairy

W Those persons who are in the habit
of drinking Ardent Spirits are unable
to feel the relish for all Beer, or even
Ordinary Wine.

335

the truth of this assertion. The distress ^{ch} which is exhibited in tragedies is so far beyond what occurs in real life, both with respect to the rank of the persons who suffer, & the degree of their sufferings, that that it ~~can~~ excites impressions upon the mind ^{so violent & acute as to} which render it ever afterwards more or less insensible to the less violent impressions of natural & humble distress. That this is the usual effect of tragedy upon the mind, I infer, not only from the truth of the principle which has been delivered, but from ~~any~~ observations made upon persons who are most devoted to stage entertainments. The lady who will weep & sob for an hour over the sorrows of a Jane Shore, or

✓ That other entertainments such as I
have described do not often stir the breast
or dispose ^{it vigorous} to sympathy, I infer from
the following event which took place in
the evening ~~two days after~~ ^{on the 24th Decem^r 1811.} the
~~and~~ ^{had} ~~had~~ ^{had} ~~had~~ ~~had~~ ~~had~~
after the news of the ~~last~~ ^{loss of nearly 100 valuable lives by} ~~disastrous~~ ^{the burning of}
~~organization~~ ~~disastrous~~ ~~disastrous~~ ~~disastrous~~ ~~disastrous~~ ~~disastrous~~

the theatre at Richmond ~~according to~~
at that epoch over ~~city~~. ~~that~~ ~~that~~ ~~that~~ ~~that~~ ~~that~~
that very evening when the representatives
of our whole nation were laying
~~an~~
~~act of our government putting~~
on morning for the ~~dead~~, and when
thousands in every part of our country
were weeping in secret for the ^{Sons} ~~deads~~ ~~deads~~
of the living, two ^{of} ~~our~~ theatres were

336

A Lord & Esq^r, will often deny his servants
the necessities, ^{of life,} and ~~will~~ ^{will} bear with-
out emotion the tale of a family ruined
by fire, or war - and drive a half
clad & shivering Beggar with hasty
indignation from his door. ~~V~~

There are Amusements of another
kind, which are pursued in a more
solitary manner, which dispose to
many Diseases. —

Many of the sports of Boys, produce
Injuries & dislocated bones, & dispose by
thus except to fevers of every kind.

The Amusement of Hunting, lays the
foundation of many diseases ; by the
~~violent~~ debility produced by violent &
long continued exercise ^{whether in} ~~violent~~ feet
riding or walking. 2 by the long continued

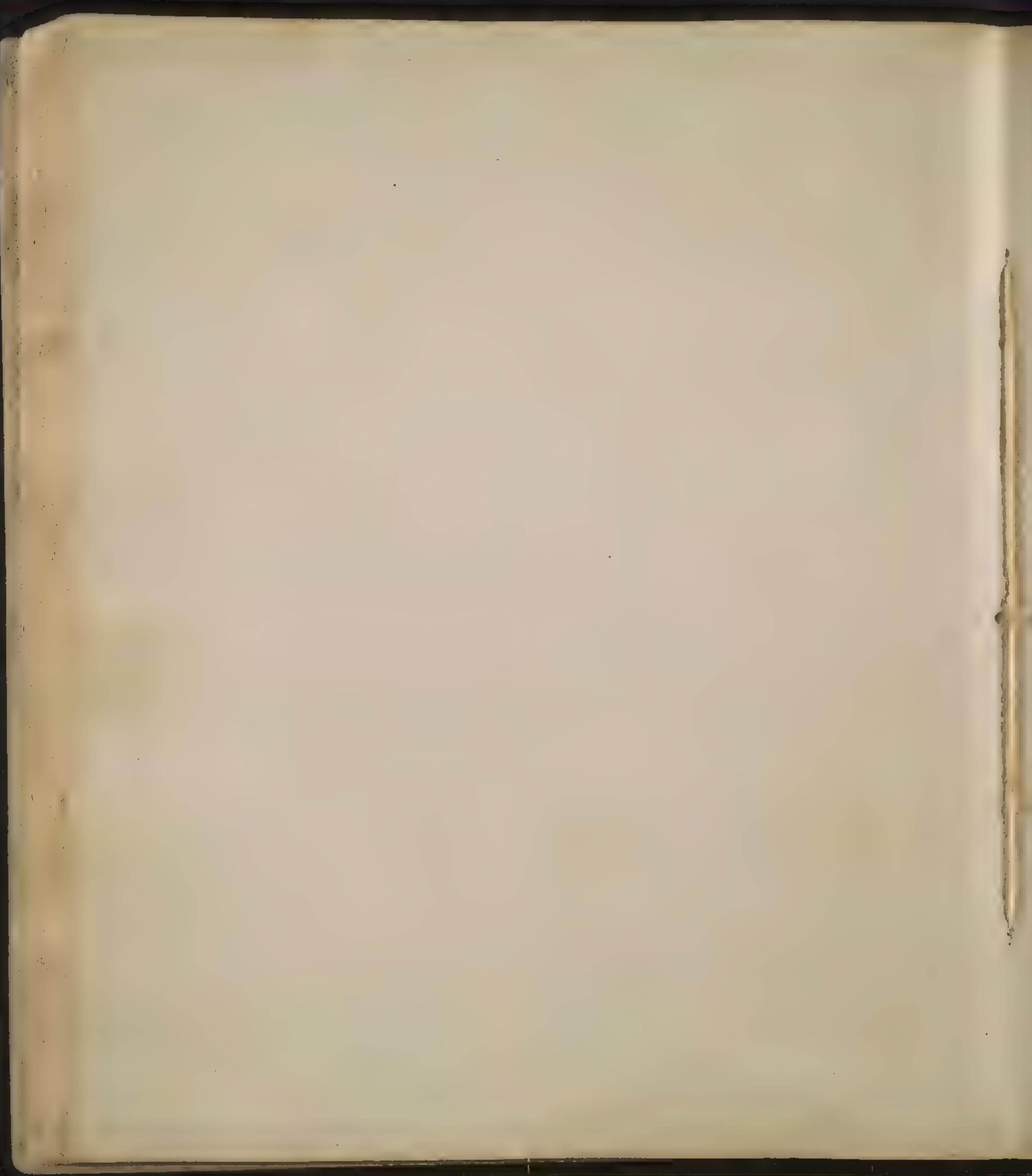
= crowded with the lovers of the Drama,
that and one of them so much desire
as not ^{to receive} ~~about~~ several hundred persons
who applied for admittance into it.

Jan⁶. 1812

337.

Action of cold or heat on the alternate
action of both on the body. 3 by wet
feet. 4 Thirsty. 5 The insidious stimulus
of a full meal, after the system has
been rendered excitable by danger -
cold - or fatigue. — See some of
the most acute & dangerous fevers that
I have ever seen have been brought
on by this the movement of hunting.

Mentioned formerly a case of
Hydrocephalus from fear in a boy
from standing on his head. —

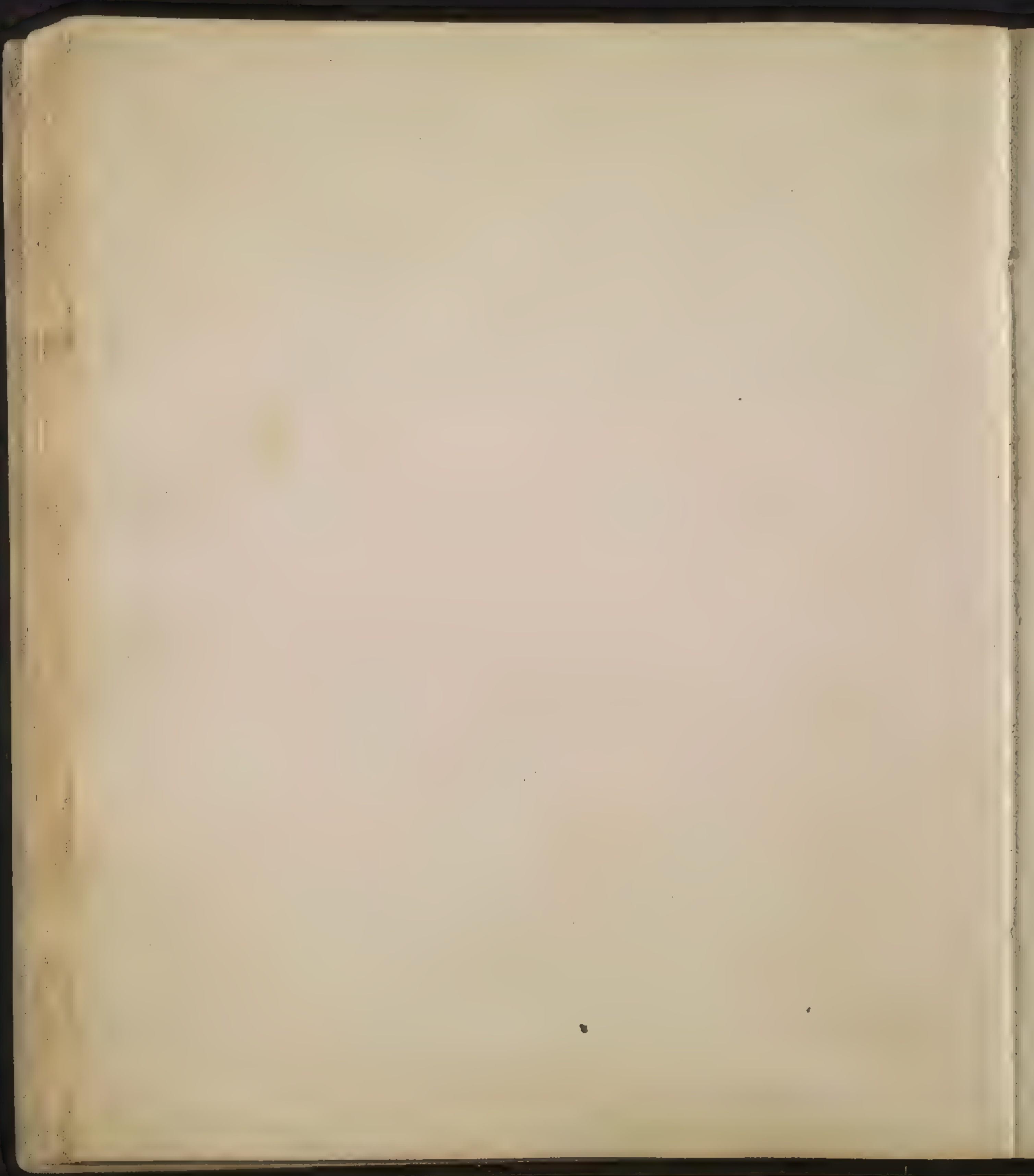


Peculiar Customs

or Superstition People
 The folly & madness of a few ~~greatest~~^{ch.}
 elevated by accident or force above the
 rest of an mankind have given a cur-
 -osity to many absurd customs w.
 have a pernicious influence upon
 health. I shall briefly enumerate a
 few of them. —

1 Drams in a morning. These were
 introduced originally as antifogmates
 in damp countries. They destroy the
 tone of the Stomach - Upon the appetite
 for food - and finally lead to drinking
 spirits every hour of the day &
 night.

2 Taking wine & Bitters before Dinner.



339

They are improper in every view
we can take of them. If the appetite be
already good - they either weaken or
excite it ^{too} ~~too~~ highly ^{but} if the appe-
tite be enfeebled by a disease, they excite
produce a degree of appetite dispro-
portioned to that disease, and thus lay
a foundation for Dyspepsia - and a train
of nervous Diseases. -

3 The custom among women
of receiving Lying-in Visits.

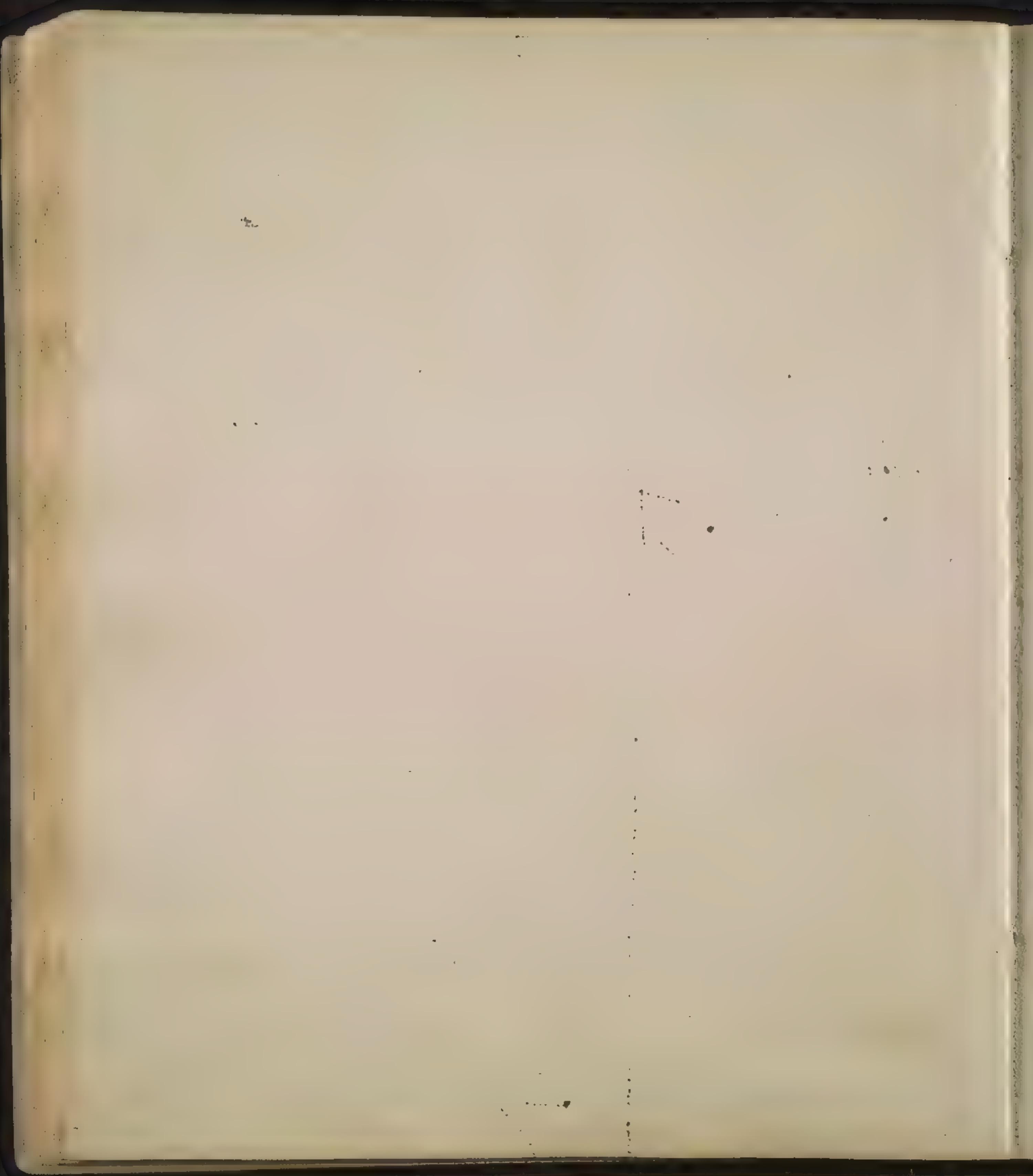
After the debility lost on by parturi-
tion, ~~and~~ ^{it must} certainly be very injuri-
ous to the female constitution to spend
an hour or two every afternoon in
tripping to receive company, ~~and~~ and
afterwards to sit in 3 or 4 hours in
one place exposed to the danger of

h.

340

15, or 20 female voices, all charged ^{the} w.
News disproportioned to the strength of
the Lady's system who is ~~the~~ ^{this} subject of
those visits. — ~~This~~ ^{has been} ~~so~~ ^{now} ~~done~~ ^{but} has
had a great measure ~~done~~ ^{away}.
4. The Ringing of Bells at funerals. This
Custom was introduced in the ages of
Popery - as a signal to pray for the
soul of a departed soul. It is high
time to banish it from protestant
Counties, not only because ~~of the~~ ^{it does}
~~the dead no good,~~
~~readiness of its doing,~~ but because it
does ~~the~~ ^{the} rich, and the low-spirited people
much harm. —

5. But all these customs absurd, and
injurious as they are, are limited in
~~their~~ their influence, compared with
the general use of Tobacco with by
chewing - smoking - & snuffing. ~~A few~~



341

Observations upon its effects upon the
body shall close this head of our syllabus.
See Pathological lectures for an
out of my opinions upon the use
of this weed, I refer you to a vol.
of philosophical literary Essays
lately published by Mr Bradford in
this city. I wish my opinions upon
that subject to be adopted by all my
pupils, and that they may be known
in every part of the world not left
by this ~~absence~~^{not} absence of
~~and~~ the use of spirituous liquors &
tobacco, than by their extensive
and accurate knowledge of the pulse
of the pulse in patients and their accom-
modation to its different states in all
their prescriptions.



342



343



344



345



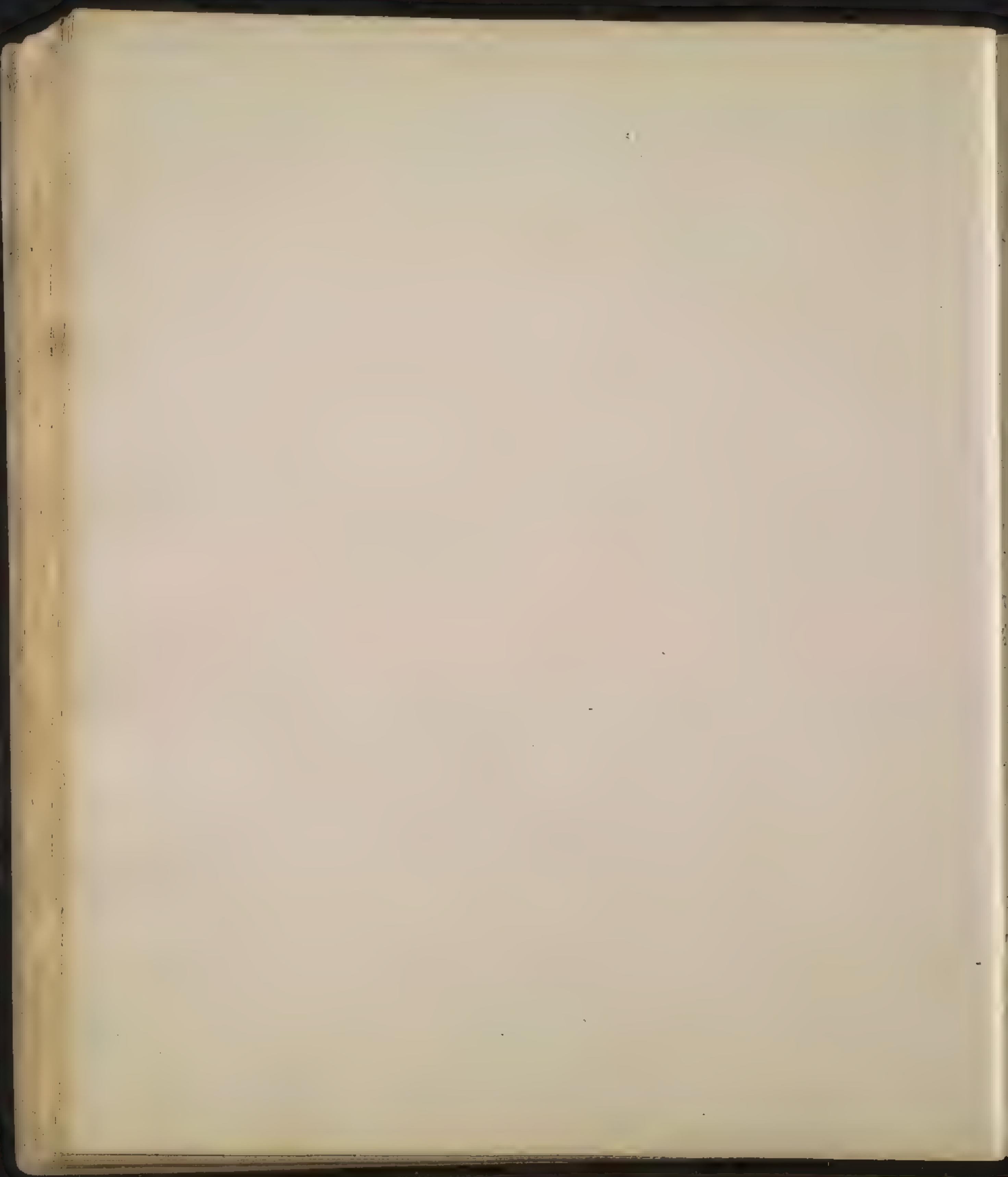
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347



348



344



330



351



352



353

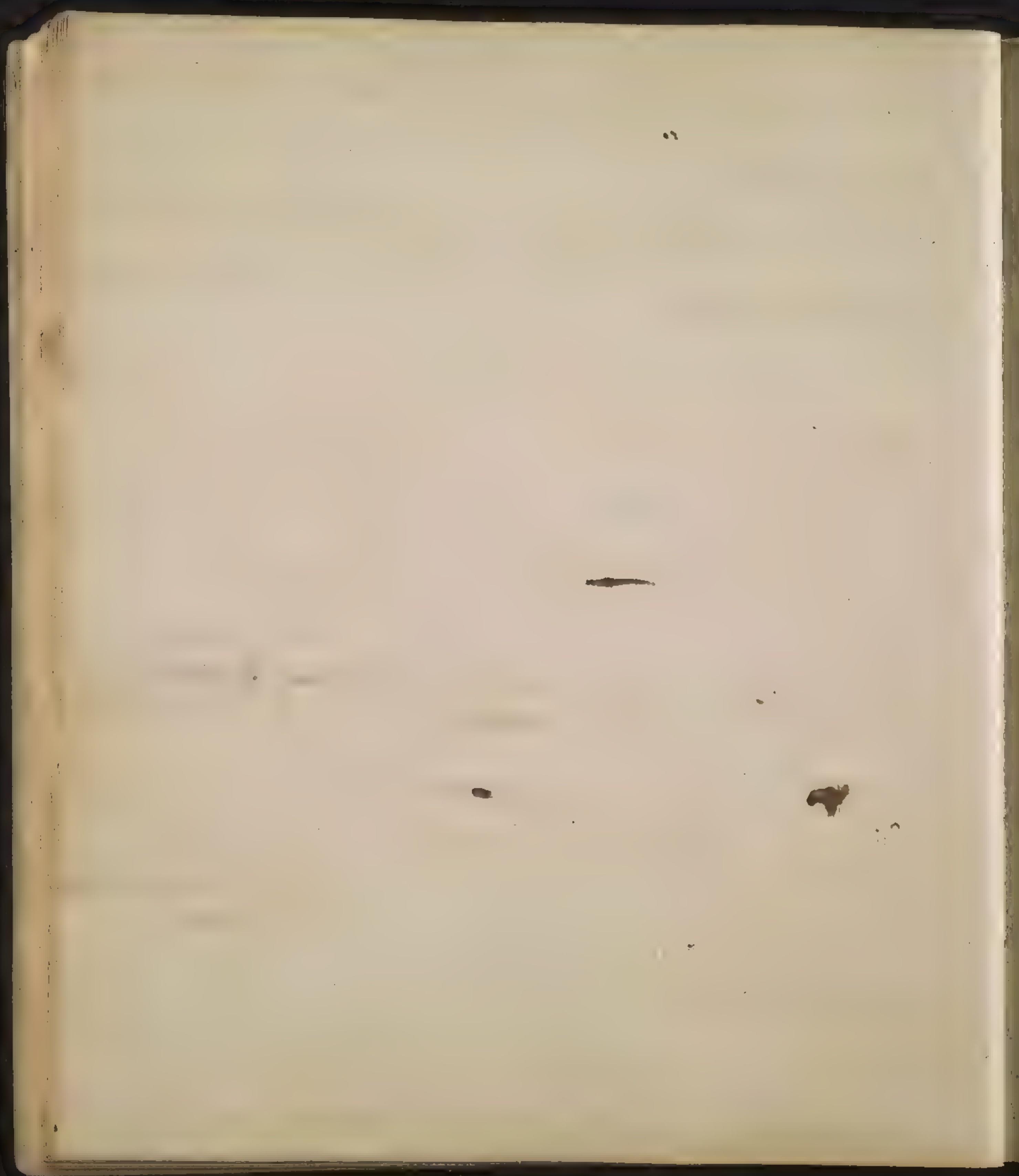


354

On the Diseases from unhealthy
Ancestors:-

With the shape, features, & temper,
of parents, we often find diseases
transmitted to children.

They are divided into Congenital &
Hereditary. The first appear imme-
diately after the birth. They are the
common disease - the small pox &
the Plague & the yellow fever.
Measles. ^{The two last are} The ~~first~~ is very common,
& generally prove fatal in a month.
Instances of ^{of the many congenital small}
pox & measles have ^{happened in this city.} Dr Rupel says
many children were born with the
~~3 diseases~~ plague at Aleppo, and $\frac{1}{3}$: none of
them survived it. I have no



355

proofs of the influenza being a con-
genital disease, but I could produce
many of its disposition like the plague
to produce Abortions in pregnant women.

Besides these diseases, there are many
congenital deformities of body in children
as hair lips - crooked limbs - misproportioned
arms - and narrow passages - and a
~~state~~^{state} of the
intermaxillary ligament under the
tongue.

The hereditary diseases ^{depend} may be
upon two heads, viz - those and ~~both~~^{of}
~~divided~~^{divided} into ~~transmissions~~^{transmissions}, of which
proclivity both of which
are often transmitted from parents
to children, and ~~it~~^{by} the consumption
- the females are often influenced by
a peculiar shape of the breast in the
former, & of the head in the latter

+ It has been remarked that a ~~languor~~^{to children parents} of the eyes before head in Children often exposes them to be heirs of their Diseases.

v one a black boy 3 or 9 years of age
June 1st 1799.

In addition to the hereditary diseases that have been named there are some others viz Diapsey & Scrophula, & blindness & sores legs and lips & four caries - ~~and two legs~~ the last is: ~~found~~ ~~in~~ ~~family~~ ~~in~~ ~~Bucks County~~
~~family~~.

F. Dr. Hilyard in Pennsylvania Hospital died 1806 - aged about 68. Father brother Brothers all but one above 50
have blindness to descend thro' several generations in old age. See legs in Isaac Smith's family only between 60 and

use. They more certainly appear
in children when they are connected
with the ~~transmissions~~^{predispositions}, which produce
those diseases. +

Consumption is often derived
from the father - ^{but} I think I have
heard madness to be derived more
frequently from the mother. - It is
remarkable that the consumption
appears still 20, or 21 - and madness
seldom till before that period in which
it affected the parents. Trait of gen.
montgomery. - It seldom appears before
manhood, few instances only in our hospital.
The transmission of the trait from
the contrary:
parents to their children depends upon
a mixture of ^{an} evitable nervous & arterial
transmission & ^{an} inheritance of various
& dangerous ~~transmissions~~^{predispositions}. It

Besides congenital & hereditary diseases
there is what I have called filial
~~epidemic~~^{epid} ~~reproduc~~^{repro} ~~infectivity~~^{infect} diseases. These are ac-
quired by a whole family of children
~~descendants of parents from probably~~
the same stock of drift - air - exercises - or
occupations. I have known the Epilepsy
to affect 3, ^{The} Spalax 4 of the same family
- & a disposition to hemorrhage 5 or 6, &
~~descendants of the same family~~
of children ~~descendants where neither of the parents~~
or any of their ancestors were affected
by those diseases. The Consumption in
like manner affects not only a whole
family of children in the first instance,

357

brunette appears, in early life, and in both
genders. Where it has not force enough
to appear in the form of a regular
gout, it appears in ^{inflamm'} ~~Dyspepsia~~ ^{it}
-providence is sometimes graciously
to most of the early Chironic dis-
-eases of persons ~~is~~ ^{descended from gouty} an-
-cestors metamorphosed hereditary gout.
A ^{tip} part of the inheritance in
persons thus predisposed, will bring
on the gout sooner in persons who have
not that hereditary predisposition.

~~The Syphilic & the Jaundice~~ ~~both~~
~~hereditary diseases~~

It is remarkable that all these
diseases often pass by the first, and

Neuroses.

One of my publications I have
 In ~~accordance~~ ~~but~~ observed that ~~fever~~
 - Casualties - in old age were the
 only natural outlets of human life. I
 consider fevers as the only ~~outlets~~ ^{they affect the} ~~outlets~~ ^{of} ~~old age~~
 & natural diseases. They are the offspring
 chiefly, & ~~this~~ ^{are} the outposts of the whole
~~old age~~ simple manners, and appear most
 frequently ~~insects~~ among savages, or in
 the first & simple ages of society. In propor-
 tion as man advances in civilization,
 fevers diminish, and their places are
 occupied by nervous diseases. — 66,000 per-
 sons ^{out} of 100,000 who died in London in Dr.
 Sydenham's time perished in fevers;
 — at present the London bills of mortality
 inform us that not more than $\frac{1}{8}$
 part of that number perish with those

+ The consumption is ~~now~~ ^{not} a modern
disease in this part of the United States. Our
V ancestors inform us, that the causes which
now induce it ^{now} formerly produced only
the more acute but less dangerous diseases
of pneumonia & Rheumatism. This must
~~however~~ be ascribed to the change which
has taken place in our manners
within the last 50, or 60 years. But further
influence of civilization upon
diseases will appear in a stronger
light if we turn our eyes to
Great Britain. The goat ^{wh.} is in
this country so generally infested in
Britain is a few species of bubble action, &
confined chiefly to the ~~viscera~~ ^{viscera} & seldom appear

p 358 color of derived

v I have it is said the skin is conveyed
chiefly from the father, and have hence I
have heard that a child begat by a black
father upon a white mother, always has
a darker skin than a child born of a
black mother by a white father.
~~using a contagious~~

v Lanichi saw undue dilatation of the
right ventricle & mouth of the heart in
four successive generations.

Dilius says he saw a contraction of
the hands & hips from cold conveyed
this several generations descended in
the first instance from a girl born
of aged parents. ~~see back to page 6~~

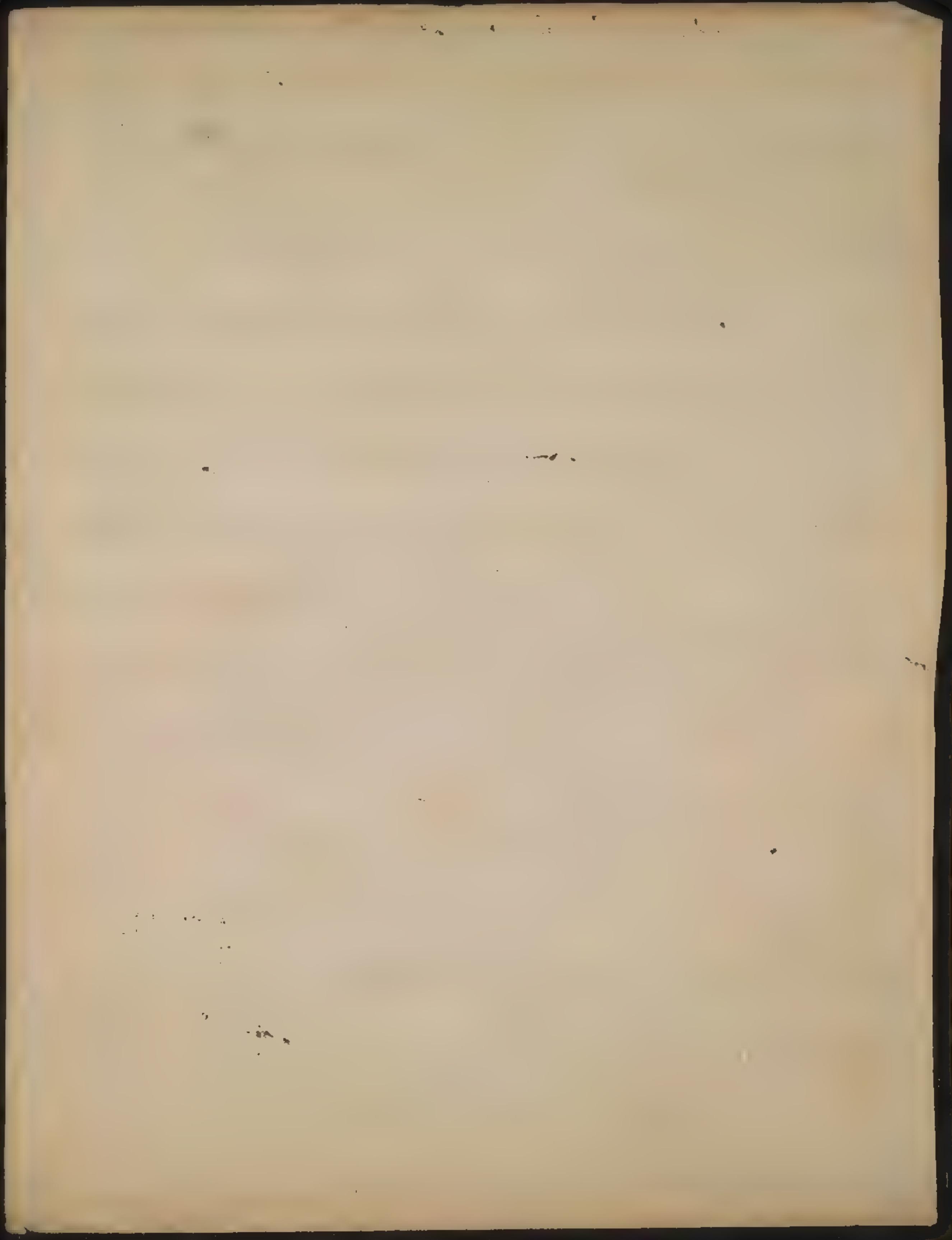
358

appears in the 3^d generation. The
Lynn Dr. Boil says in Ireland frequent-
ly esp disappears in the 3 & 3^d and
appears in the 5th generation.

The color of the skin, ^{whether healthy} said ~~said~~ or
otherwise, is transmitted from ^{this a long} year
to year of generations. The family of
the Henry's have had fair ^{dark} in Scotland & of the Hamiltons
dark coloured skins as far back as they
can be remembered. This fact will ap-
admit of an important application

~~hereafter in explaining the dark color of the
negroes. It is in the influence of ^{predispositioned} temperament
or those ~~or~~ a union of both many
diseases descended from parents to childⁿ
which are not enumerated among
hered^y diseases. As Skinned~~

Natural diseases.—I recollect the time when
~~Coprophilous & palis - & bacteric - Hippocrat.~~
~~& most other nervous diseases were much~~
 less frequent in this city than they are at
 present, ~~Fever~~ have not only diminished
 in their proportion of the number of dis-
 cases, but have changed their types. ~~The~~
 late Dr Cudwal informed me ~~when~~ ^{he} he first
 settled in this city (perhaps 60 years ago)
 the ~~nervous~~ ^{or chronic} fever was not known among us,
 — for this fever carries its typhoid, and
 obstructive character, from a debility in-
 duced upon the system by the progress of
 intemperance or refinement in Society }
 { The Inflamm' Gout is the evanescent form
 of fever from stimuli which formerly
 produced a simple inflamm' fever. Even
 its inflamm' form has I believe hardly



variations of diet, exercises, air, or employments. I have known the Epilepsy to hemorrhage to affect 3, the palsy 4 - and a disposition 5 or 6 of the same family ~~to hysteria~~ where ^{where} ~~none of their~~ parents and ancestors had been affected by those diseases. The Consumption in like manner affects not only a whole family of children, but even servants who live under the same roof with them. In the last instance Contagion is called in, to account for its spreading so generally in a family; but why ascribe this filial disease in one case to contagion, and not in the others that have been mentioned? Surely no one will admit Epilepsy, palsy or Hemorrhage to be contagious diseases.

~~homœopathists~~ 359
Crelin, and above all Headache. A
Physician should never forget in Chronic
Diseases to inquire whether they have
been hereditary. If they have, they will
be more difficult to cure, than if they
had been acquired. It would be a good
Custom for ~~Phys~~ every person to record
the history of all their Chronic and
acute diseases and of the remedies that
relieved them for the benefit of their
children - for it ~~is conceivable~~ has been observed
that there are certain fe receipts or remedies
which prevail or cure in certain
families that will not in others.

Besides congenial, & hereditary diseases
there are what I have called filial diseases.
These are acquired by a whole family from

in the extremities. 359 histories of
departed from Great Britain.] The same
it in modern books appears to be taken
from Dr Lyndam who wrote at a time
when the manners of the citizens of London
were nearly ~~similar to ours~~ ^{similar to ours} ~~so~~ ^{so} ~~as~~ ^{as} perhaps
this may be the reason why Stimuli are
said to be used with more safety in Britain
~~in both species of Gout than in America.~~
^{The} ~~in Britain~~

But the human Constitution has fallen
below the strength that is necessary to produce even
^{a person of} an Atomic Gout, & the indolence - luxury
& extravagant passions of people in high life
throw themselves in hystericks - Hippocon-
-drisis - melancholly - Dipsydy - Syncope -
& Asphyxia. — Should the influence of
these great & general causes of ^{ability} diseases
continue to increase in ^{of Britain} Europe, the
ranks of Society will soon be marsh'd
with as much misery by the diseases





360

an exclusive faith
an injurious confidence in false
systems of Physic, an injurious con-
fidence in the operations of nature, &
in Quacks have produced untold mis-
ery diseases upon the human body.

I False systems of Physic. To enumerate
all of them would be to give a history
of medical opinions from Hippocrates
down to Dr Brown. — I shall only
mention that in ~~the course of the last~~
~~Authority of Galen in the Schools of Physic~~
~~lectures, the plausa friends of Hobo~~
by Persons who have been a suspiciose
of other systems of medicine all of which
have introduced a practice more or less
fatal injurious or fatal to the human

that are peculiar to them, as by peculiar
 manners, or even titles. — The puny disease
 that were last named, will become the
Nobility.
 badges of the first order of dignity. They
 will be the exclusive ~~dis~~ ^{of topical affections.} The gout in
 with all its numerous symptoms, will
 belong exclusively to the 2d order of nobi-
 lity, as to commonness, & to independent
 country gentlemen, while fevers will
 belong wholly to the common people.
 But even these natural diseases will
 be subdivided between two classes of people.
 — The ~~fat~~ ^{no flbs.} will designate the well
 fed citizen, and propertied mechanick,
 while the Pneumony - & Rheumatism,
 & all other inflam: fevers will be the
 characteristics ^{chimney sweepers} badges ^{lyrist} of porters - sailors - soldiers &
 all those other persons who fill the ^{of general depravity of manners} humble
 ranks in society. When this time, I shall

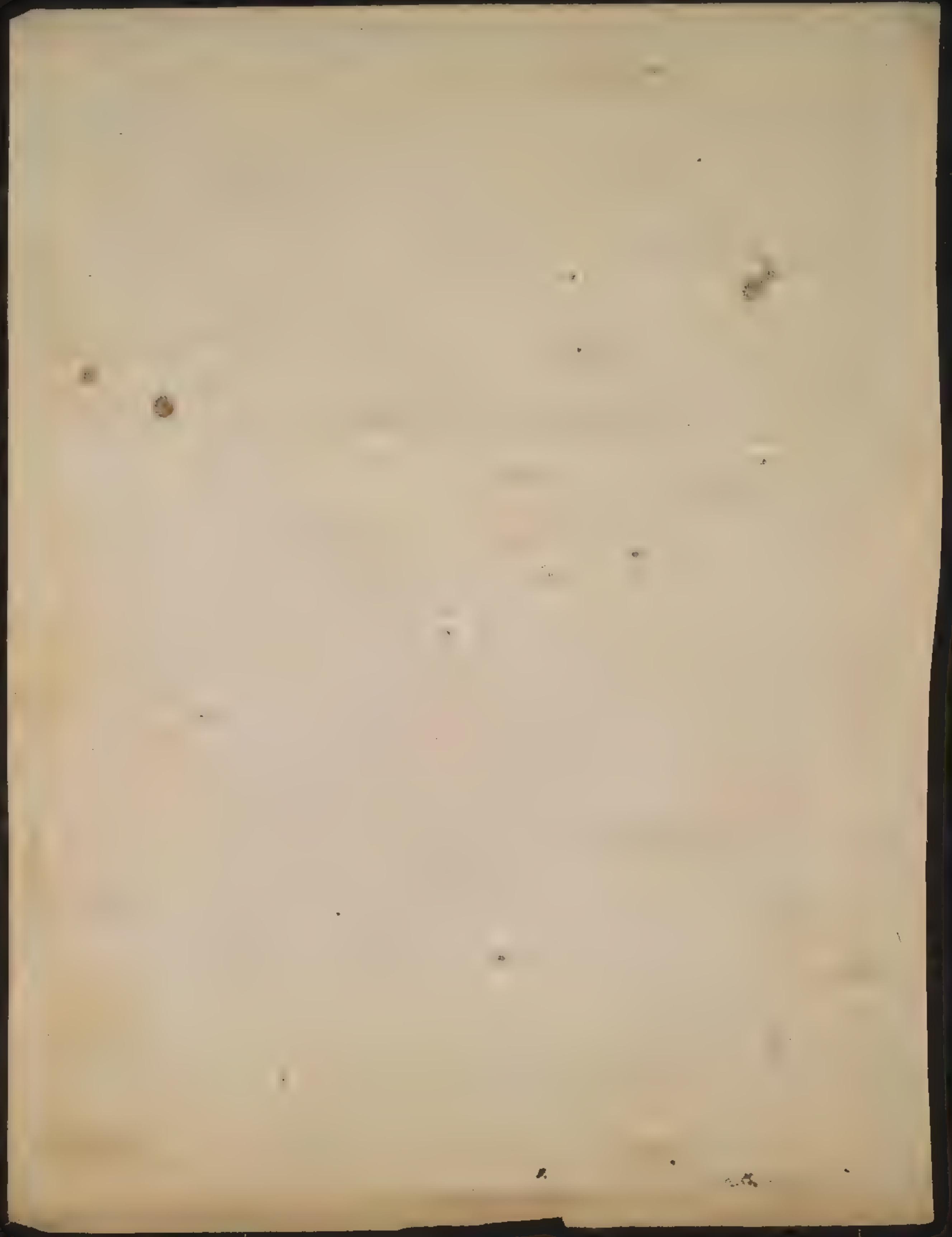
viz Anemomies
+ ~~Bat~~ ~~H~~ Even these diseases, in Jamaica
now occurs without not only full or
hard pulse, but without fever, & yet
they have been so acute as to end fatally
Dr Grier p: 180

arrive, a ~~bild~~^{child} who has the misfortune to be descended from a parent who has died with either of the vulgar inflammatory cases

disorders that has been named, will blush to own it, nearly as much as would ^{he} his to own that his father ~~were ever less~~^{- filled one of} the most humble or menial offices of ~~life & his liberty to the community of government priority.~~ go on to p 364 +

+ In passing from the febrile to the nervous diseases, it will be necessary to remark again, that motion of every kind in the animal system depends upon stimuli.

- They begin - preserve - & support animal life ^{in every} animal body. 2^d Health appears to depend upon the ^a balance between preserved between the action of stimuli - and the powers of the system. 3^d Diseases are occasioned by excess, or defect of action in consequence of the loss of this balance. This excess & defect of action are produced



with 364

more especially the production of inflam:
fever from relative cold, & the action
of the air upon the debilitated body
upon its coming out of the cold bath.

From this view of our Subject, it
appears that stimuli - ^{in different degrees} are the causes of life
health & diseases. They are in the ^{animate,}
what attraction is in the inanimate, &
w: love is in the moral world. — I am
disposed to embrace
the more ~~pleased with the adopting~~ ^{single} ~~single~~
principles in each of those departments of
the works of the great Creator, inasmuch
as it leads us to discover more of the infinity
of his wisdom in producing effects so various,
and so infinitely multiplied, from ^{such} ~~single~~
causes. —

Let us now apply these principles] —

X In the simple ages of humanity, morbid
or irritants, ^{or irritants} morbid ~~or irritants~~ produce ^{an} ~~a~~ ^{useful} of action in the
arterial system. hence the origin of all
the ^{of} ~~fevers~~ fevers. —

The truth of the principles may be further illustrated by taking another view of our subject. Grief in a yeoman, or peasant produces a fever. In a person of the 2nd rank in society, it produces melancholly, or sadness - but in a person of the first rank, whose system is so excitable that he is ready "to die of a rose in aromatic pain": sudden grief often produces syncope or sudden death. Again - a yeoman, or peasant keeps up the excitement of his system by boiled meat - apple pie with no other beverage than milk & water - a country gentleman requires for the same purpose ~~glaz~~^{white} - tied meat - and wine or malt liquors - while the effeminate nobleman is kept alive only by the stimulus of the richest James th spirits - mixed in his food - together with ^{red} glasses of spirits in the form of liqueurs.

As men advance in luxury & the refinements of civilized life, the same stimuli produce ^{no morbid} ~~modified~~ effect of action in the arterial & nervous system - hence the origin of the ^{appetency} - palp - ^{goat} - and all its numerous train of ^{symptoms} & vehicles affects the blood vessels & nervous systems.

But when luxury - indolence - and extravagant passions have obtained a further influence over the body - the ~~action~~ of stimulative resources of the system are so far exhausted, ^{of same} ^{morbid} that stimuli produce ~~dangerous~~ ^{chiefly} defect of - hence - the

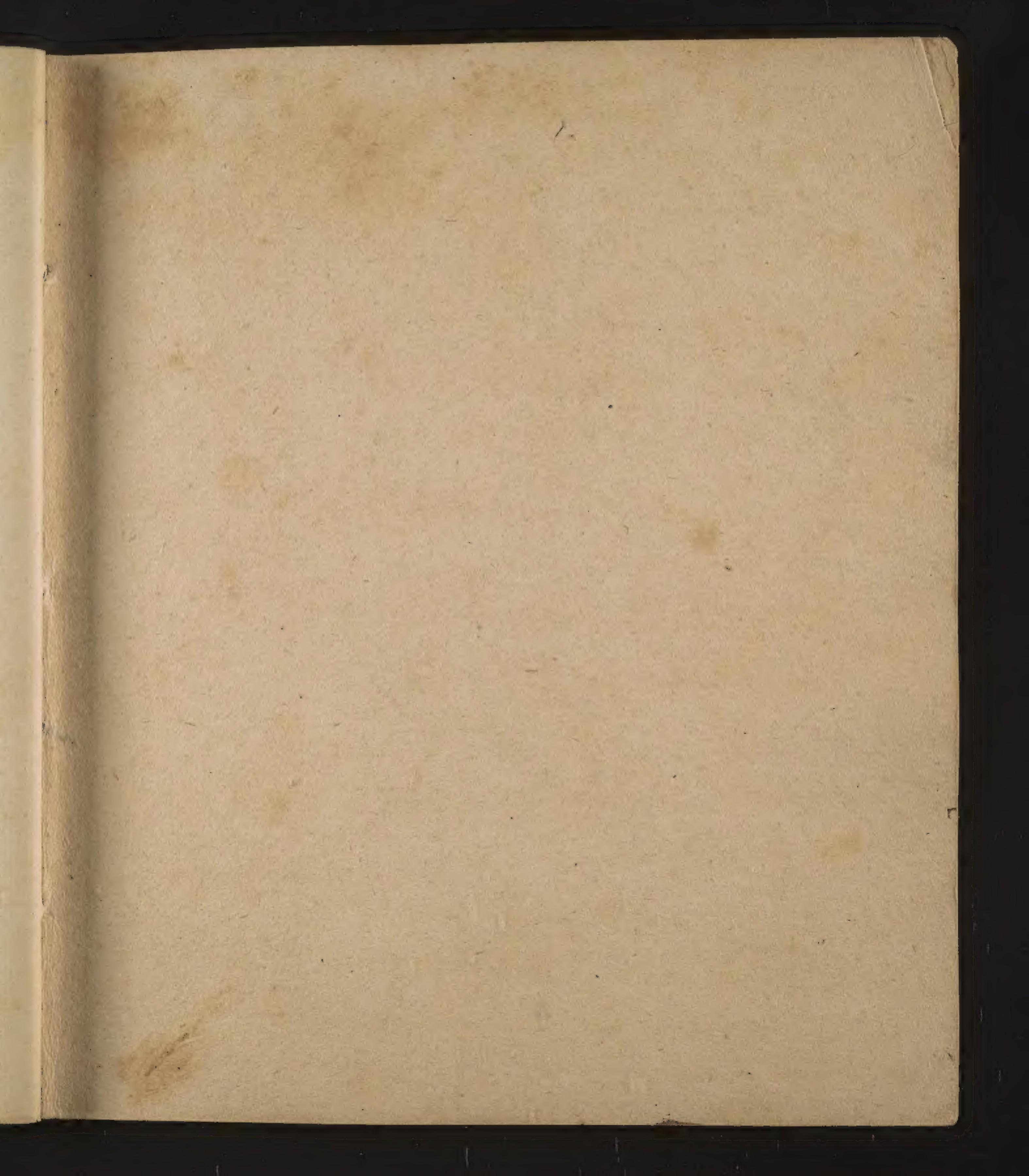
action ^{no morbid} body in the nervous system giving hysteria - Hippocondriasis - Epilepsy &c.

In the last degree stage of debility produced by effeminate manners - the same ^{defect of action - hence} stimuli produce, only syncope - asphyxia - marasmus - tubercle - &c.

✓ The prevalence of nervous diseases serve not only to mark the wants of the first orders of society, but the characters of particular nations. — From the bill of 60 records of the diseases ^{of the} ancient Jews preserved in the Old & new testament it is evident they

these are often insufficient to to worse than
further excitation of his excitability - hence
we read in Brydone's travels of an Italian
Marquis who kept himself upon his feet
in a morning walk due only the use of
a snuffing bottle. - In selecting these three
orders of people - I do not forget that ^{there} are
intemperate & debilitated common people,
as well as robust & temperate nobility
^{& gentlemen}
& in all countries. But these ~~common~~ ^{exceptions} only
confirm the truth of our principles. They
show the uniform & general action of
stimuli upon the human body. I go on
to note on the next leaf.





women
they once ~~can~~^{not} relieve themselves from
its baneful effects by shedding tears.

✓ ^{vitamin}
and drinks
of Diet, have a powerful influence in dis-
posing the passions to produce diseases. ^{is often}
~~passions~~ of anger it is well known ^{is often}
frequently, the offspring of a full animal diet, and
of the intemperate use of wine &ardent spirits.

Climate and seasons likewise act
disposse the passions to act more or less
powerfully upon the body. A British officer
~~who~~ ~~more~~ diseases are found in a hot than
cold climate, and in summer than in
winter by the ^{active} they are most ~~found~~ in
warm weather.

They act differently when combined, ^{then}
~~alone~~ and they are ^{11th} still further
diversified according as they gratified to the days
in which they are gratified, or opposed; and

-12-

where ~~comes~~ ^{disturbed by} ~~from~~ thin sleep sleeps in the
night, which they treat with neglect during
other parts of the four & twenty hours. -

return to p: 10 - 8

~~This will be a subject of consideration in this lecture.~~

Having enumerated the circumstances which influence the effects of the passions and inducing diseases, it may be expected that I should then name the diseases that are produced by them, but this would to anticipate the subject of several lectures. ~~and we far from~~ ^{to anticipate} the object of the future lectures. I shall easily remark that the blood fevers - convulsions - diseases of the Stomach & bowels - viscid Obstructions, loss of memory, melancholy, & ^{as up lexy - palsey,} ~~madness~~, madness, - idiotism, - and all the furyments brought on by the undue actions of the passions upon the body. I do not except the viscous of the mind that were last mentioned, from this catalog.

